

CLAIMS

1. A device intended to establish a connection between two adjacent slabs, preferably concrete
- 5 slabs, by equipping the expansion joint between said slabs, wherein said device is constituted by an assembly of two modules derived from sheets, each of the modules comprising:
- a first series of flat elements, which form projections,
 - 10 - a second series of elements in the form of a right angle, which are integral with said projections, said elements in the form of a right angle comprising a first flat part, which is in the same plane as said projections, and a raised second flat part, which forms
 - 15 a right angle with said first part,
 - flat elements, which are in the same plane as said raised parts and which form connections in the form of first longitudinal members between said raised parts,
- the assembly being formed by assembling said two modules in
- 20 such a way that the raised parts of the first and second module face each other along the two sides of a center plane and the longitudinal members of the first and second module equally face each other along the two sides of said same center plane, and that the projections of each module
- 25 extend on both sides of said center plane.

2. The device as claimed in claim 1, which furthermore comprises flat elements which are in the same plane as said projections and form connections in the form of second longitudinal members, each second longitudinal
- 30 member being present between the ends of one of said projections and of one of said first parts, being situated in the same plane as said projections.

3. The device according to claim 1, which furthermore comprises a separation element, such as a foil or sheet, between the two modules.

4. The device according to claim 1, wherein
5 the modules derived from sheets are fixed to one another by temporary fixing means.

5. The device according to claim 1, wherein the modules are provided with anchoring elements.

6. A module intended to be used in a device
10 as described in claim 1, wherein said module comprises:

- a first series of flat elements, which form projections,
- a second series of elements in the form of a right angle, which are integral with said projections, said elements in the form of a right angle comprising a first
15 flat part, which is in the same plane as said projections, and a raised second flat part, which forms a right angle with said first part,
- flat elements, which are in the same plane as said raised part and which form connections in the form of
20 first longitudinal members between said raised parts.

7. The module as claimed in claim 6, which furthermore comprises flat elements which are in the same plane as said projections and which form connections in the form of second longitudinal members, each second
25 longitudinal member being present between the ends of one of said projections and one of said first parts, being situated in the same plane as said projections.